U.S. Environmental Protection Agency
Region 2 Laboratory
2890 Woodbridge Avenue
Edison, NJ 08837

Data Report: PREPA PALO SECO STEAM PLANT

Project Number: 06100042

Program: A305

Project Leader: FRANCISCO CLAUDIO

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
K	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

Survey Name: PREPA PALO SECO STEAM PLANT

Project Number: 06100042

*Sorted By Sample ID

AH06210 Field/Station ID: 062704-02 Date Received: 10/23/2006
Matrix: Oil

Sample Description:

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
	N-HEPTANE INSOLUBLES [ASPHALTENES]	3.1		%
7704-34-9	SULFUR, W/W	0.47		%
7440-62-2	VANADIUM	14		mg/Kg

AH06211 Field/Station ID: 20060918-01 Date Received: 10/23/2006
Matrix: Oil

Sample Description:

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
	N-HEPTANE INSOLUBLES [ASPHALTENES]	2.8		%
7704-34-9	SULFUR, W/W	0.52		%
7440-62-2	VANADIUM	11		mg/Kg

AH06212 Field/Station ID: 062605-02 Date Received: 10/23/2006
Matrix: Oil

Sample Description:

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
	N-HEPTANE INSOLUBLES [ASPHALTENES]	2.1		%
7704-34-9	SULFUR, W/W	0.39		%
7440-62-2	VANADIUM	11		mg/Kg

AH06213 Field/Station ID: 20062806-01 Date Received: 10/23/2006
Matrix: Oil

Sample Description:

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: PREPA PALO SECO STEAM PLANT

Project Number: 06100042

*Sorted By Sample ID

AH06213 Field/Station ID: 20062806-01 Date Received: 10/23/2006
Matrix: Oil

Sample Description:

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
	N-HEPTANE INSOLUBLES [ASPHALTENES]	3.1		%
7704-34-9	SULFUR, W/W	0.47		%
7440-62-2	VANADIUM	14		mg/Kg

Project Approval: _____ **Date:** 2-9-07

Refer to Page 1 for an explanation of Remark Codes

Case Narrative:
PREPA Palo Seco Steam Plant #06100042

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

None.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.

Method(s):

- Vanadium Analysis, ASTM Method D5708 (SOP C-105; ICP-AES Method)
- Sulfur Analysis, ASTM Method D 4294 (SOP C-98; X-Ray Fluorescence Method)
- n-Heptane Insolubles (Asphaltenes) Analysis, Modified ASTM Method D 3279 (SOP C-99; Spectrophotometric Method)

Approval: _____ Date: 2-9-07